

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant:** Robert J. Hawley

**Serial No.:** 10/524,381

**Filing Date:** August 13, 2003

**Entitled:**  ***$\alpha$ -(1,3)-GALACTOSYLTRANSFERASE NULL CELLS, METHODS OF SELECTING AND  $\alpha$ (1,3)-GALACTOSYLTRANSFERASE NULL SWINE PRODUCED THEREFROM***

**Examiner:** NA

**Group Art Unit:** NA

**Attorney Docket No.:** IMM-002US1 (1004/003)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

Sir:

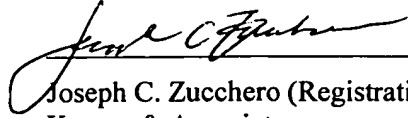
In response to the Notification of Missing Requirements mailed July 25, 2005, Applicant submits the following documents for filing in the above-referenced patent application:

1. A copy of the Notification of Missing Parts;
2. A properly signed Declaration and Power of Attorney in compliance with 37 C.F.R. §1.163;
3. Fee in the total amount of \$120.00;
4. Sequence Listing (in computer readable form and paper copy)
5. Statement Under 37 C.F.R. §§ 1.821-1.825;
6. A Preliminary Amendment; and
7. Petition for One Month Extension of Time.

Enclosed is a self-addressed, postage prepaid postcard. Please date-stamp the postcard indicating timely receipt by the U.S. Receiving Office of the subject documents, and return it to us for our files.

Respectfully submitted,

Dated: September 29 2005

  
\_\_\_\_\_  
Joseph C. Zucchero (Registration No. 55,762)  
Keown & Associates  
500 West Cummings Park - Suite 1200  
Woburn, MA 01801  
781-938-1805 (telephone)  
781-938-4777 (fax)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

14

Application Number

10/524,381

Filing Date

August 13, 2003

First Named Inventor

Hawley

Art Unit

NA

Examiner Name

NA

Attorney Docket Number

IMM-002US

**ENCLOSURES (Check all that apply)**

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/  
Incomplete ApplicationReply to Missing Parts  
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a  
Provisional ApplicationPower of Attorney, Revocation  
Change of Correspondence Address

Terminal Disclaimer



Request for Refund



CD, Number of CD(s) \_\_\_\_\_

☐ Landscape Table on CD

After Allowance Communication to TC

Appeal Communication to Board  
of Appeals and InterferencesAppeal Communication to TC  
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify  
below):**Remarks**

- \* Postcard
- \* Copy of Notification of Missing Requirements
- \* Preliminary Amendment
- \* Sequence Listing (computer readable form and paper copy)
- \* Statement Under 37 C.F.R. 1.821-1.825
- \* Executed Declaration and Power of Attorney

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Keown &amp; Associates

Signature

*Joseph C. Zuccheri*

Printed name

Joseph C. Zuccheri

Date

*September 29 2005*

Reg. No.

55,762

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature

*Laura Labier*

Typed or printed name

*Laura Labier*

Date

*9/29/05*

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# FEE TRANSMITTAL

## For FY 2005

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 120.00

### Complete if Known

Application Number 10/524,381  
Filing Date August 13, 2003  
First Named Inventor Hawley  
Examiner Name NA  
Art Unit NA  
Attorney Docket No. IMM-002US1

### METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 50-2285 Deposit Account Name: Keown & Associates

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee  
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims Extra Claims Fee (\$) Fee Paid (\$)  
- 20 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims Extra Claims Fee (\$) Fee Paid (\$)  
- 3 or HP = \_\_\_\_\_ x \_\_\_\_\_ = \_\_\_\_\_

HP = highest number of independent claims paid for, if greater than 3.

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)  
- 100 = \_\_\_\_\_ / 50 = \_\_\_\_\_ (round up to a whole number) x \_\_\_\_\_ = \_\_\_\_\_

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Surcharge: Petition Extension of Time (1 month)

Fees Paid (\$)  
\$120.00

### SUBMITTED BY

Signature *Joseph C. Zuccheri* Registration No. 55,762 Telephone 781-938-1805  
Name (Print/Type) Joseph C. Zuccheri Date September 29 2005

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



## UNITED STATES PATENT AND TRADEMARK OFFICE

COPY

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

U.S. APPLICATION NUMBER NO. 10/524,381	FIRST NAMED APPLICANT Robert J Hawley	ATTY. DOCKET NO. IMM-002US1 (1004/003)
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Keown & Associates  
500 West Cummings Park  
Suite 1200  
Woburn, MA 01801

RECEIVED  
JUL 28 2005  
BY: *Laura*

INTERNATIONAL APPLICATION NO. PCT/US03/25199	
LA. FILING DATE 08/13/2003	PRIORITY DATE 08/14/2002

CONFIRMATION NO. 4847  
371 FORMALITIES LETTER



\*OC000000016603306\*

Date Mailed: 07/25/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 02/14/2005
- Copy of the International Search Report filed on 02/14/2005
- Preliminary Amendments filed on 02/14/2005
- Information Disclosure Statements filed on 05/19/2005
- Small Entity Statement filed on 02/14/2005
- Request for Immediate Examination filed on 02/14/2005
- U.S. Basic National Fees filed on 02/14/2005
- Priority Documents filed on 02/14/2005

KEOWN & ASSOCIATES DOCKETING  
DOCKET NO: *Imm 002 US1*  
ITEM DUE: *Resp MSG Req.*  
REMINDER: *8/25/05*  
1<sup>ST</sup> DUE: *9/25/05*  
FINAL: *1/25/06*  
BY: *Laura*

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$65 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

#### SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Late oath or declaration Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5).

*A copy of this notice **MUST** be returned with the response.*

LAMONT M HUNTER

Telephone: (703) 308-9140 EXT 201

PART 2 - OFFICE COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/524,381	PCT/US03/25199	IMM-002US1 (1004/003)

FORM PCT/DO/EO/905 (371 Formalities Notice)